

AI Training: Final TOC

Session	Time	Content	Learning Outcome Statement
A. Introduction and Recap [2 Hours]			
1	15 mins	Recap of pre-assessment quiz	Ability to identify individual GenAI proficiency gaps and align personal learning goals
2	45 mins	Recap of Pre-Read: <ul style="list-style-type: none"> a. Evolution from ML to LLMs b. Architecture, how LLMs learn patterns c. Tokenization, parameters and inference d. Traditional ML vs. Generative AI e. Role of training data, features, and model performance f. Transformers and concept of attention g. Tuning of models / RAG 	<ul style="list-style-type: none"> a. Understand how models like GPT, Claude, and Gemini process and generate text b. Identify appropriate use cases for consulting scenarios (Research, Problem Solving) c. Differentiate between ML models and LLMs d. Recognize where predictive vs. generative models fit in consulting workflows
3	60 mins	Advanced Prompt Engineering: <ul style="list-style-type: none"> a. Advanced prompting strategies (Role prompting, Chain-of-Thought, Tree-of-Thought) b. Accuracy validation and hallucination control c. CORES method recap and enhancement d. Meta prompting 	<ul style="list-style-type: none"> a. Design prompts to improve accuracy and relevance b. Create validated research summaries, market scans, and hypothesis frameworks
B. Application Session #1 [2.5 Hours]			
4	60 mins	Comparative Tool Analysis & Selection: Simulation comparing ChatGPT, Perplexity, Gemini, and Claude for different consulting use cases (research, strategy, comms).	Capability to evaluate and choose the most suitable GenAI tool (ChatGPT, Gemini, Claude, Perplexity) for a given consulting task using a structured framework
5	90 mins	Case Simulation 1: Research & Intelligence End-to-end research simulation (market scan or trend analysis). Participants generate and validate insights using GenAI.	Proficiency in conducting end-to-end market or industry research, fact-checking with Perplexity, and summarizing validated insights for client reports
C. Application Session #2 [2.25 Hours]			
5	45 mins	Presentation Design with AI (Gamma, Xavier) <ul style="list-style-type: none"> a. Converting structured insights into slide decks Using AI to generate visuals, summaries, and storylines 	Design client-ready presentations efficiently
7	90 mins	Case Simulation 2: Excel + LLM <ul style="list-style-type: none"> a. Quantitative and unstructured data analysis (Excel + social data) to build data-backed consulting arguments b. Creating insights using ChatGPT/Claude and ppt using Gamma 	<ul style="list-style-type: none"> a. Automate quantitative and unstructured data analysis (Excel + social data scraping) b. Generate executive summaries, and structure findings
D. Overview of Advanced GPT Applications [3 Hours]			
8	60 mins	Fine-Tuning and Customization <ul style="list-style-type: none"> a. Understanding fine-tuning vs. prompt engineering b. Creating a "Custom GPT" for consulting workflows c. Examples of domain-specific GPTs (Market research bot, Slide creator bot) 	Build tailored AI agents for repetitive consulting tasks (<i>Use Case: Operational Efficiency, Research & Intelligence</i>)

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9	60 mins	Agentic AI and Workflow Automation <ul style="list-style-type: none"> a. Concept of autonomous agents and task chaining b. Live demo: Multi-step AI reasoning 	<ul style="list-style-type: none"> a. Understand how Agentic AI executes tasks end-to-end b. Design an agent to summarize client calls and auto-generate follow-up emails
10	60 mins	No-Code AI Workflows (n8n) <ul style="list-style-type: none"> a. Integrating tools like Perplexity → GPT → Gmail b. Building an automation for “Daily Consulting Intelligence” 	Automate research → summarization → email workflows without coding